

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/06602

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04N7/30 H03M7/42

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N H03M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

INSPEC, EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 589 829 A (ASTLE BRIAN) 31 December 1996 (1996-12-31) cited in the application abstract column 9, line 47 - line 51 column 18, line 59 - column 20, line 11; figure 15	1, 2, 4-8, 10-13
Y	---	3, 9
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*Z\* document member of the same patent family

Date of the actual completion of the international search

16 February 2004

Date of mailing of the international search report

26/02/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	HASHEMIAN R: "MEMORY EFFICIENT AND HIGH-SPEED SEARCH HUFFMAN CODING" IEEE TRANSACTIONS ON COMMUNICATIONS, IEEE INC. NEW YORK, US, vol. 43, no. 10, 1 October 1995 (1995-10-01), pages 2576-2581, XP000535628 ISSN: 0090-6778 cited in the application the whole document	3,9
A	----	1,2,4-8, 10-13
X	US 5 253 053 A (CHU KE-CHIANG ET AL) 12 October 1993 (1993-10-12) column 19, line 19 - line 22 column 19, line 60 -column 21, line 2; figures 10,11	1,3,4,7, 8,10,13
A	----	1-13
	SIEMINSKI A: "FAST DECODING OF THE HUFFMAN CODES" INFORMATION PROCESSING LETTERS, AMSTERDAM, NL, vol. 26, no. 5, 11 January 1988 (1988-01-11), pages 237-241, XP008013198 ISSN: 0020-0190 cited in the application the whole document	
A	----	1-13
	KUO-LIANG CHUNG: "Efficient Huffman decoding" INFORMATION PROCESSING LETTERS, 28 JAN. 1997, ELSEVIER, NETHERLANDS, vol. 61, no. 2, pages 97-99, XP002269302 ISSN: 0020-0190 the whole document	
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/EP 03/06602

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5589829	A	31-12-1996	NONE	
US 5253053	A	12-10-1993	JP 3391469 B2 JP 6217277 A	31-03-2003 05-08-1994